

Display PCB Assembly, DWG 86623G-1 sht. 2 & 3

Reference Figure 3

	R3*	R16*	R17	R18	TH1*	REF1	BRKT
86623G-1A (ABBOTT)	70248	87155	86744	86743	86728	86741	86729
86623G-1T (TRAVENOL)	70248	87155	86747*	-----	-----	-----	-----
86623G-1M (McGAW)	86746	86748	86744	86743	86728	86741	86729
86623G-1SE (SERIES "E")							
86623G-1AD (AVON DRAKA)	86746	86748	86744	86743	86728	86741	86729
86623G-1CR (CURA REHAU)	86746	86745	86744	86743	86728	86741	86729
86623G-1NP (N.F.B.I.)	86746	87155	86744	86743	86728	86741	86729
86623G-1MZ (MEDISIZE)	86746	87155	86747*	-----	-----	-----	-----
86623G-1FG (TRAV FLO GARD)	70248	87155	867478	-----	-----	-----	-----
86623G-1CD (CODAN)							
86623G-1MS (MEDSPEC1)	86746	86769	86747*	-----	-----	-----	-----
86623G-1MPS (MPS ACACIA)	86746	86745	86744	86743	86728	86741	86729
86623G-1F (B. BRAUN)	86746	86769	86747*	-----	-----	-----	-----

86745	Resistor 4.99K RN55D
86769	Resistor 3.57K RN55D
86729	Temperature Compensation Bracket
87155	Resistor 9.53K RN55D
86748	Resistor 1.62 RN55D
86747	Pre-Insulated Jumper Wire J .325x .125-T22
86746	Resistor 12.1K RN55D
86744	Resistor 15K RN55D
86743	Resistor Pot 5K RJ26FP 502
86741	Diode 1.2v LT1004CZ-1.2
86728	PTC Thermistor
70248	Resistor 8.25K RN55D
PART NO	DESCRIPTION

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Table 3 (Reference Figure 3)

ITEM	PART NO.	QTY	DESCRIPTION
R1	70244	3	Resistor 10K RN55D
R3	Reference		Resistor (See 86623G-1 sht.3 for configuration)
R4	86745	1	Resistor 4.99K RN55D
R5	87160	1	Resistor 221K RN55D
R6	87151	3	Resistor 1K RN55D
R7	70270	1	Resistor 68.1K RN55D
R8	70244	-	Resistor 10K RN55D
R9	87151	-	Resistor 1K RN55D
R10	70279	2	Resistor 100K RN55D
R11	70244	-	Resistor 10K RN55D
R12	70279	-	Resistor 100K RN55D
R13	87151	-	Resistor 1K RN55D
R14	86210	2	Resistor 2M RN55D
R15	86210	-	Resistor 2M RN55D
R16	Reference		Resistor (See 86623G-1 sht.3 for configuration)
R17	Reference		Resistor (See 86623G-1 sht.3 for configuration)
R18	Reference		Resistor (See 86623G-1 sht.3 for configuration)
C1	70165	2	Capacitor 1uf Solid Tantalum
C2	87206	2	Capacitor .1uf Dipped Ceramic
C3	87207	2	Capacitor 82pf Dipped Ceramic
C4	70165	-	Capacitor 1uf Solid Tantalum
C6	87208	1	Capacitor .047uf Dipped Ceramic
C7	87206	-	Capacitor .1uf Dipped Ceramic
C8	86742	1	Capacitor 33pf Dipped Ceramic
C9	87205	2	Capacitor 150pf Dipped Ceramic
C10	87207	-	Capacitor 82pf Dipped Ceramic
C11	87205	-	Capacitor 150pf Dipped Ceramic
C12	87220	1	Capacitor .22uf Dipped Ceramic
C13	87218	1	Capacitor .01uf Dipped Ceramic
C14	86216	1	Capacitor 1uf Solid Tantalum
D1	70163	3	Diode 1N4148
D2	70163	-	Diode 1N4148
D3	87203	1	Diode 1N4625-C
D4	70163	-	Diode 1N4148
D5	86868	1	LED SSL-LX4673GD-LA20
IC1	87180	1	IC ADC0804LCN
IC2	87181	2	IC CA3130AE
IC3	87181	-	IC CA3130AE

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Table 3 (Reference Figure 3)

ITEM	PART NO.	QTY	DESCRIPTION
IC4	87215	1	IC MM74C923N
DSP1	86844	2	Display, Alphanumeric Dot Matrix DLR-2416-XXX
DSP2	86844	2	Display, Alphanumeric Dot Matrix DLR-2416-XXX
RN1	87174	1	Resistor Network 22K
J1	86866	1	Connector 11pin 535541-9
TH1	Reference		PTC Thermistor (see 86623G-1 sht. 3 for configuration)
BRKT	Reference		Bracket (see 86623G-1 sht. 3 for configuration)
REF1	Reference		Diode (see 86623G-1 sht. 3 for configuration)
PCB1	86622	1	PC Board Blank
M1	86891	1	LED Mount 460-120
4	85012	3	Pem Fastener KF2-256-ET

Final Assembly (DWG 86600-3, Assemblies 86600B, M & T – See Note 1)

Table 4 (Reference Figure 4)

ITEM	PART NO.	DESCRIPTION	QUANTITY REQ.		
			B	M	T
1	86601-2B	Sub-Assy. Final – Abbott Tubing	1	-	-
2	87065	Sticker, PC Board, Insulating	2	2	2
3	87050	Sticker, Chassis	1	1	1
6	86720	Drop Sensor Interface Plug	1 opt	1 opt	1 opt
7	86607-3	Case Finished (Rhinstone)	1	1	1
8	86923P	Handle, Machined (Rhinstone)	1	1	1
9	86394	Sealing Gasket (Handle)	2	2	2
10	85038	8-32 x $\frac{3}{16}$ lg. B.H.M.S. SS	4	4	4
11	85071	#8 External Tooth Star Washer SS	4	4	4
12	85035	8-32 x 1 $\frac{1}{4}$ lg. P.H.M.S. SS	2	2	2
13	86608A	Assembly Drop Sensor (Optional)	1 opt	-	1 opt
13	86608M	Assembly Drop Sensor (Optional)	-	1 opt	-
14	86601-2M	Sub-Assy. Final – McGaw Tubing	-	1	-
15	86601-2T	Sub-Assy. Final – Baxter Tubing	-	-	1
16	86779-1	Assembly Anti-Free Flow Clip (McG/Abb)	1 opt	1 opt	-
17	86779-2	Assembly Anti-Free Flow Clip (Baxter)	-	-	1 opt
18	85037	8-32 x $\frac{3}{4}$ "lg. S.H.C.S.	1 opt	1 opt	1 opt
19	85167	4-40 x $\frac{3}{4}$ "lg. P.H.M.S.	2 opt	2 opt	2 opt
20	85071	#8 External Washer	3 opt	3 opt	3 opt
21	85068	#4 Internal Washer	2 opt	2 opt	2 opt
22	86730	Cover Plate (Anti-Free Flow Clip)	1 opt	1 opt	1 opt
23	85030	8-32 x $\frac{3}{16}$ lg. B.H.M.S.	1 opt	1 opt	1 opt
26	86607-4	Case Finished – Anti-Free Flow Clip	1 opt	1 opt	1 opt
27	86836	Label – Do Not Snap Back (Flow Clip)	1 opt	1 opt	1 opt

NOTES:

1. Assemblies 86600B, M & T are drawing assemblies only. B is representative of Abbott tubing, M of McGaw tubing and T of Baxter tubing. The product number is 86600 and TXXXX, where the (4) X's are representative of the units. CONSULT THE FACTORY FOR ADDITIONAL INFORMATION.
2. Follow the procedure described below for case removal:
 - a. Remove 4 of item #10 (8-32 x $\frac{3}{16}$ lg. B.H.M.S. SS), 2 of item #12 (8-32 x 1 $\frac{1}{4}$ lg. P.H.M.S. SS) and item #8 (Handle, Rhinstone).
 - b. Pull bottom of case away from unit. Slightly bow out sides of case and pull case forward off of unit.
 - c. Item #3 (Sticker, Chassis) can be rolled back on itself, leaving the side of the unit open for repairs. Item #3 can be reused if removed carefully.

Final Assembly (DWG 86810, Assemblies 86600B, M & T – See Note 1 pg 25)

Table 4 (Reference Figure 4)

ITEM	PART NO.	DESCRIPTION	QUANTITY REQ.		
			B	M	T
1	86811-B	Sub-Assembly Final – Abbott Tubing	2	-	-
2	86811-M	Sub-Assembly Final – McGaw Tubing	-	2	-
3	86811-T	Sub-Assembly Final – Baxter Tubing	-	-	2
4	87065	Sticker, PC Board, Insulating	3	3	3
5	87050	Sticker, Chassis	2	2	2
8	86720	Drop Sensor Interference Plug	1 opt	1 opt	1 opt
9	86849	Case Finished (Rhinstone)	1	1	1
10	86923P	Handle, Machined (Rhinstone)	1	1	1
11	86394	Sealing Gasket (Handle)	2	2	2
12	85038	8-32 x $\frac{3}{16}$ lg. B.H.M.S. SS	10	10	10
13	85071	#8 External Tooth Star Washer SS	10	10	10
14	85035	8-32 x 1 $\frac{1}{4}$ lg. Fill.H.M.S. SS	2	2	2
15	86608A, M	Assembly Drop Sensor (Optional)	1 opt	1 opt	1opt
16	85037	8-32 x $\frac{1}{2}$ " lg. S.H.C.S.	2	2	2
17	86779-1	Assembly Anti-Free Flow Clip (Abbott)	1 opt	-	-
18	86779-2	Assembly Anti-Free Flow Clip (Baxter)	-	-	1 opt
19	85037	8-32 x $\frac{1}{2}$ " lg. S.H.C.S.	2 opt	2 opt	2 opt
20	85167	4-40 x $\frac{3}{4}$ " lg. P.H.M.S.	4 opt	4 opt	4 opt
21	86858	Tie Plate Painted	1	1	1
22	85068	#4 Internal Washer	4	4	4
23	86830	Cover Plate (Anti-Free Flow Clip)	2 opt	2 opt	2 opt
24	85180	#8 Flat Washer	1 opt	1 opt	1 opt
25	85181	4-40 x $\frac{3}{8}$ " lg. P.H.M.S. SS	4	4	4
26	86836	Label – Do Not Snap Back (Flow Clip)	2 opt	2 opt	2 opt
27	86369	Shim Mylar	AR	AR	AR
28	86857	Fill Plate Painted	2	2	2
29	86928	Label Calibration	2	2	2
30	86812	Door Seal	1	1	1
31	86779-3	Assembly Anti-Free Flow Clip (McGaw)	-	1 opt	-

